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**UTILITY
PATENT APPLICATION
TRANSMITTAL**(Only for new nonprovisional applications under 37
CFR 1.53(b))

Attorney Docket No.	66638/37453
First Inventor	Smith
Title	Signal-To-Noise Ratio Tuned Adaptive Optics Control
Express Mail Label No.	EV 328620166 US

APPLICATION ELEMENTSSee MPEP chapter 600 concerning utility patent
application contents.

1. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
2. ☒ Specification [Total Pages No. 22]
(preferred arrangement set forth below)
☒ Descriptive title of the invention
☐ Cross Reference to Related Applications
☐ Statement Regarding Fed sponsored R & D
☐ Reference to sequence listing, a table,
or a computer program listing appendix
☒ Background of the Invention
☒ Brief Summary of the Invention
☒ Brief Description of the Drawings (if filed)
☒ Detailed Description
☒ Claim(s)
☒ Abstract of the Disclosure
3. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets No. 3]
4. Oath or Declaration [Total Pages No. 2]
a. ☒ Newly executed (original or copy)
b. ☐ Unexecuted
b. ☐ Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).

ADDRESS TO:Assistant Commissioner for Patents
Box Patent Application
P.O. Box 1450
Alexandria, VA 22313-1450

5. ☐ CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)
6. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
a. ☐ Computer Readable Form (CRF)
b. Specification Sequence Listing on:
i. ☐ CD-ROM or CD-R (2 copies); or
ii. ☐ paper
c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

7. ☒ Assignment Papers (cover sheet & document(s))
8. ☐ 37 CFR 3.73(b) Statement ☒ Power of Attorney (unexecuted)
(when there is an assignee)
9. ☐ English Translation Document (if applicable)
10. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
11. ☐ Preliminary Amendment
12. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
13. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
14. ☐ Nonpublication Request under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35
or its equivalent.
15. ☒ Certificate of Express Mailing
16. ☒ Other: Checks for \$40.00 (assignment fee) and \$ 750.00 (filing fee)

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment,
or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____
Prior application information: Examiner _____ Group Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is
supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby
incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted
application parts.

18. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number or Bar Code Label	 21888 PATENT TRADEMARK OFFICE	or <input checked="" type="checkbox"/> Correspondence address below
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Name	Caroline G. Chicoine		Registration No. (Attorney/Agent)	38,198
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	One US Bank Plaza			
City	St. Louis	State	MO	Zip Code 63101
Country	U.S.A.	Telephone	314-552-6499	Fax 314-552-7499


Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form
should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: ASSISTANT
COMMISSIONER for Patents, Box Patent Application, Washington, DC 20231.

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PATENT APPLICATION FEE DETERMINATION RECORD				Application or Docket Number 66638/37453				
CLAIMS AS FILED - PART I				SMALL ENTITY		OR OTHER THAN SMALL ENTITY		
		(Column 1)	(Column 2)					
FOR	NUMBER FILED	NUMBER EXTRA		RATE	FEE		RATE	FEE
BASIC FEE (37 CFR 1.16(a))					\$ 0	OR		\$750.00
TOTAL CLAIMS (37 CFR 1.16(c))	20	minus 20 =	*	x \$	=	OR	x \$ 18.00	0.00
INDEPENDENT CLAIMS (37 CFR 1.16(b))	2	minus 3 =	* 0	x \$	= 0.00	OR	x \$ 84.00	0.00
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d))				+ \$	= 0.00	OR	+ \$ 280.00=	0.00
* If the difference in column 1 is less than zero, enter "0" in column 2				TOTAL		OR	TOTAL	750.00

- ☒ Checks in the amounts of \$40.00 (assignment fee) and \$750.00 (filing fee) are attached.
- ☒ The Commissioner is hereby authorized to charge and credit Deposit Account No. 20-0823 as described below. A duplicate copy of this sheet is enclosed.
- ☐ Charge the amount of _____ for the patent filing fee.
- ☒ Credit any overpayment.
- ☒ Charge any additional fee required.

☒ Charge any additional fee required.



Signature

Date _____

Dated: June 25, 2003

Caroline G. Chicoine, Reg. No. 38,198
Thompson Coburn LLP
One US Bank Plaza
St. Louis, Missouri 63101
314-552-6499
314-552-7499 FAX




21888

PATENT TRADEMARK OFFICE

I certify that the document and fee is being deposited on June 25, 2003 with the U.S. Postal Service as Express Mail under 37 CFR 1.10 and is addressed to the BOX PATENT APPLICATION, Assistant Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Express Mail No. EV 328620166 U9

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Signature of Person Mailing Correspondence

Signature of Person Mailing Correspondence

Caroline G. Curwene

Typed or Printed Name of Person Mailing Correspondence

EXPRESS MAIL CERTIFICATE OF MAILING (37 CFR 1.10)**Express Mail No. EV 328620166 US**

Docket No.

66638/37453

In Re Application Of:

Smith

Serial No.
To be assignedFiling Date
herewithExaminer
unknownGroup Art Unit
unknown

Title:

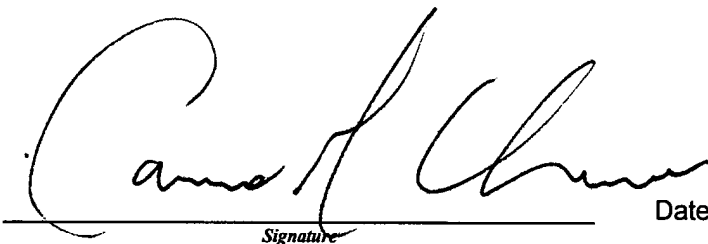
Signal-To-Noise Ratio Tuned Adaptive Optics Control

TO THE COMMISSIONER OF PATENTS AND TRADEMARKS

Transmitted herewith is:

Utility Patent Application Transmittal:

- ☒ Patent Application
☒ Drawings: 3 Sheets ☒ Formal ☐ Informal;
☒ Power of Attorney: ☐ Executed ☒ Not executed
☒ Declaration: ☒ Executed ☐ Not executed
☒ Assignment with Recordation Form
☐ Information Disclosure Statement with References ()
☐ NonPublication Request under 35 U.S.C. 122(b)(2)(B)(i)
☒ Postcard
☒ Checks in the amounts of \$40.00 (assignment fee) and \$750.00 (filing fee) are attached


Signature

Dated: June 25, 2003

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